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51472 7590 03/30/2009
GARLICK HARRISON & MARKISON
P.O. BOX 160727
AUSTIN, TX 78716-0727

Certification Under 37 C.F.R. § 1.8
 Date of Mailing or Transmission: 05-26-2009

I hereby certify that I have caused the document indicated herein on the date indicated above to be transmitted via the Office Electronic Filing System (EFS) in accordance with 37 C.F.R. § 1.6(a)(4).

/S/Short/ Reg. No. 45,105
 Shayne X. Short, Ph.D., Reg. No. 45,105

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Shayne X. Short, Ph.D. (Reg. No. 45,105)	(Depositor's name)
/S/Short/ Reg. No. 45,105	(Signature)
05-26-2009	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/668,648

09/23/2003

Jeyhan Karaoguz

BP2910

2085

TITLE OF INVENTION: UWB (ULTRA WIDE BAND) WAVEFORM DESIGN TO MINIMIZE NARROWBAND INTERFERENCE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	06/30/2009

EXAMINER	ART UNIT	CLASS-SUBCLASS
WONG, BLANCHE	2419	370-342000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

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2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

- Garlick Harrison & Markison
- Shayne X. Short
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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

Broadcom Corporation

Irvine, California

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
☒ Publication Fee (No small entity discount permitted)
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☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

- ☒ a. Applicant claims **SMALL ENTITY** status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming **SMALL ENTITY** status. See 37 CFR 1.27(g)(2).

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Authorized Signature /S/Short/ Reg. No. 45,105

Date 05-26-2009

Typed or printed name Shayne X. Short, Ph.D. (Reg. No. 45,105)

Registration No. 45,105

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